

**Raja N. L. Khan Women's College**  
**Department of Physiology**  
**Assignment**  
**4<sup>TH</sup> semester**

**Paper SEC B2TH**

**Marks : 10**

1. what is Bioinformatics?.
2. What is EMBL? What it's web address?
3. What is NCBI? What are the objective of it?
4. How many types of sequence alignment generally found? What are those?
5. What is pairwise sequence alignment?
6. What are the objective of Bioinformatics?
7. State few application of Bioinformatics.
8. What is multiple Sequence alignment?
9. What do you mean by 'Gap' or 'Mismatch' in any sequence
10. What is Blast ? How Blast work?